IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent application of: Michael J. Welsh and Candice C. Askwith

For: PEPTIDE POTENTIATION OF ACID-SENSORY ION CHANNEL IN PAIN,

the specification of which is being transmitted herewith.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Attached are Forms PTO/SB/08A and 08B (formerly Form PTO-1449) listing the relevant art known to the applicant herein. The Examiner is requested to consider the references and make them of record. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No09/557,506, filed on April 25, 2000. Each of the references listed on Forms PTO/SB08A and 08B were submitted to, and/or cited by, the Patent Office in the prior application and, therefore, are not required to be provided in this application.

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the

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Patricia E. Wilson

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information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

Respectfully submitted,

Heidi S. Nebel, Reg No. 37,719

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Attorneys of Record

Form PTO/SA08B (10-01) Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO				Complete if Known		
				Application Number		
INFO	RMATION D	ISC	LOSURE	Filing Date		
STATEMENT BY APPLICANT				First Named Inventor	WELSH, Michael J.	
				Art Unit		
(Use as many sheets as necessary)			cessary)	Examiner Name		
Sheet	1	of	_2	Attorney Docket Number	P04404US01	

	U.S. PATENT DOCUMENTS				
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
-	1	US- 5,892,018	04/06/1999	WELSH	
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τ'
	2	WO 98/35034	08/13/1998	WALDMANN		
	3	WO 00/08149	02/17/2000	WALDMANN		
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1 Applicant's unique citation designation number (optional)... 2 See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Substitute for form 1449B/PTO	Complete if Known		
	Application Number		
INFORMATION DISCLOSURE	Filing Date		
STATEMENT BY APPLICANT	First Named Inventor	WELSH, Michael J.	
	Group Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet 2 of 2	Attorney Docket Number	P04404US01	

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	4	ASKWITH et al., "FMRFamide-related peptides potentiate acid-evoked currents from sensory neurons and DEG/ENaC channels", Society for Neuroscience Abstracts, 2000, No. 18.4.	
	5	ASKWITH et al., Neuron, 26(1)133-41, April 2000	
	6	KRIEGLER, M., "Gene Transfer and Expression: A Laboratory Manual", pp. 3-176, Stockton Press, NY, NY 1990	
	7	LOPES et al., "Actions of general anaesthetics and arachidonic acid pathway inhibitors on K+ currents activated by volatile anaesthetics and FMRFamide in molluscan neurons", British Journal of Pharmacology, 1998, 125.2:309-318	
	8	O'GARA et al., "Regulation of pharyngeal motility by FMRFamide and related peptides in the medical leech, Hirudo medicinalis", Invertebrate Neuroscience, 1999, 4:41-53.	
	9	PERRY et al., J. Neuroscience, 21(15) 5559-5567, 2001	
	10	PRICE et al., "Cloning and Expression of a Novel Human Brain Na+ Channel", The J. of Biological Chem. 271(14):7879-7882 1996	
	11	SAKAI et al., "Cloning and functional expression of a novel degenerin-line Na+ channel gene in mammals", Journal of Physiology, 1999, 519.2:323-333	
	12	WALDMANN et al., "The Mammalian Degenerin MDEG, an Amiloride-sensitive Cation Channel Activated by Mutations Causing Neurodegeneration in <i>Caenorhabditis elegans</i> ", The J. of Biological Chem. 271(18):10433-10436 1996.	

Examiner	Date	
Signature	Considered	

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